Manufacturer:

HOWARD JOHNSON'S ENTERPRISES, INC.

700 W. Virginia Street, #222

Milweukee. WI 53204-1548

Emergency Phone: (414) 276-4656 **MATERIAL SAFETY** DATA SHEET

Product Name:

NORDIC ICE MELTER

Chemical Name:

Mixture

Not applicable Other Name:

Shipping Information: Not regulated by US DOT for all modes of transportation within the US.

**** SECTION 2: HAZARDOUS INGREDIENTS *********************

CAS Registry Number OSHA PEL ACGIH TLV SARA 318 Reportable Hazardous Ingradients

7447-40-7 None None No Potassium Chloride 7647-14-5 None No Sodium Chloride None

Physical Form:

Boiling Point: Solublity in Water:

% Volatile:

Vapor Pressure:

pH:

Granular solid

Not applicable Not applicable

Completely soluble Not determined Not determined

Bulk Density: Refractive Index: Freezing Point: Viscosity:

Vapor Density: Evaporation Rate: Not established Not applicable Not applicable Free-flowing granutes

Not determined Not determined

Appearance & Odor: White to off-white granules, no odor.

**** SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): Autoionition Temp (°F): Explosive Limits:

Not applicable

None - not flammable Upper Limit (UEL): Not applicable

Flash Point Method: Not applicable Not applicable Burning Rate: Lower Limit (LEL): Not applicable

Extinguishing Media: Water, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures: None. Unusual Fire or Explosion Hazards: None.

Primary Routes of Entry: Inhalation, Ingestion, skin contact

Signs and Symptoms of Over-Exposure:

- Eye Contact: Acute: Mild, reversible irritation to eye.

Chronic: None reported.

- Skin Contact: Acute: May cause slight initation on prolonged contact.

Chronic: None reported.

- Inhalation: Acute: Excessive inhalation of dust may irritate nose, throat and upper respiratory tract.

Chronic: None reported.

Ingestion: Acute: Ingestion of large quantities cause gastrointestinal distress, neusea and yomiting.

Chronic: None reported.

EMERGENCY FIRST AID PROCEDURES:

- Eye Contact: Hold eyelids open and flush eyes with water
- Skin Contact: Wash skin with soap and water.
- Inhalation: Remove person to fresh air.
- Ingestion: Give person large quantities of water. If trritation persists, call a physician or poison control center.

Medical Conditions Aggravated by Exposure: Existing skin irritation, open sores, cuts or scrapes may be aggravated by prolonged or repeated contact.

Target Organs: Gastrointestinal system.

Carcinogens: None.

Stability: Stable Hazardous Polymerization: Will not occur

Chemical incompatibilities: None

Conditions to avoid: None - product is stable Hazardous Decomposition Products: None.

Large Spill or Leak Procedures: Contain spill. Sweep or scoop up spilled material and place in a closed, labelled container for use. Do not allow spilled material to enter streams, sewers or other waters.

Small Spill or Leak Procedures: Sweep up spilled material for use according to label directions.

Waste Disposal Methods: Spilled material should be collected for use, or dispose in regular municipal trash collection.

**** SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION *****************

Engineering Controls - Ventilation: This product is designed for outdoor use, and ventilation is not normally required.

Administrative Controls: Follow all precautions and directions for use on the product label.

Protective Clothing/Equipment: Wash thoroughly after handling, and before eating, drinking or smoking. Respiratory Protection: For normal handling and use conditions, a respirator is not required.

Eye Protection: Not normally required. For applications where the product may get in eyes, good safety

practices suggest the use of goagles to prevent contact with eves.

Hand Protection: Good safety practices suggest the use of rubber or vinyl gloves.

Skin Protection: Wear long-sleeved shirt and long trousers to prevent contact with skin.

Centaminated Equipment: Flush residue from equipment with water immediately after use.

Safety Stations: Clean water should be available to flush eyes and/or skin in case of accidental contact.

Handling Precautions: None.

Storage Requirements: Store in a dry area, away from food or feed, and out of reach of children, pets and domestic animals. Keep containers tightly closed when not in use.

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